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Indiana Public Retirement System

Legislators' Retirement System Defined Benefit Plan

Actuarial Valuation as of
June 30, 2011





January 31, 2012

Board of Trustees
Indiana Public Retirement System
1 North Capitol, Suite 001
Indianapolis, IN 46204

Re: Certification of the Actuarial Valuations of the Indiana Public Retirement System as of June 30, 2011

Dear Board of Trustees:

Actuarial valuations are performed annually for the Indiana Public Retirement System ("INPRS") defined benefit pension plans ("Plans"). The results of the latest actuarial valuations, which were prepared as of June 30, 2011, are presented in individual valuation reports for each fund and were prepared pursuant to the engagement letter between INPRS and PricewaterhouseCoopers LLP ("PwC"), dated June 7, 2010. The reports are intended to provide the Board of Trustees ("Board") with information on the funded status of the Plans, development of the contribution rates, and certain financial statement disclosure information.

Under Indiana statutes, employer contribution rates are adopted annually for each Plan by the Board. These rates are actuarially determined based on the Board's funding policy and adopted actuarial assumptions. Contribution rates determined by the actuarial valuation become effective either twelve or eighteen months after the valuation date, depending on the applicable employer. For example, the rates determined by the June 30, 2011 actuarial valuation and adopted by the Board will become effective on either July 1, 2012 or January 1, 2013. If new legislation is enacted between the valuation date and the date the contribution rates become effective, the Board may adjust the recommended rates before adopting them, in order to reflect this new legislation. Such adjustments are based on information supplied by the actuary.

Financing Objectives and Funding Policy

In setting the contribution rates, the Board's principal objectives have been:

- To set contribution rates such that the unfunded actuarial accrued liability ("UAAL") will be amortized over a 30-year period.
- To set contribution rates such that they remain relatively level over time.

To accomplish this, the Board's funding policy requires that the employer contribution rate be equal to the sum of the employer normal cost rate (which pays the current year cost) and an amortization rate which results in the amortization of the UAAL in equal installments.

At the December 16, 2011 meeting, the Board resolved to discontinue the use of contribution rate smoothing rules previously employed for the Public Employees' Retirement Fund, the State Excise Police, Gaming Agent, Gaming Control Officer, and Conservation Enforcement Officers' Retirement Plan, the 1977 Police Officers' and Firefighters' Pension and Disability Fund, and the Prosecuting Attorneys' Retirement Fund. For political subdivisions participating in the Public Employees' Retirement Fund, a systematic method for migrating all employers to a single contribution rate was adopted.

No membership growth is anticipated in setting the contribution rate. This is consistent with GASB #25, which prohibits anticipating membership growth in determining the minimum Annual Required Contribution ("ARC").

Progress Toward Realization of Financing Objectives

The funded ratio (the ratio of the actuarial value of assets to the actuarial accrued liability) is a standard measure of a Plan's funded status. In the absence of benefit improvements, it should increase over time, until it reaches 100%. The combined funded ratio for all Plans decreased by 2.7% from the preceding year to 83.4%, primarily due to the delayed recognition of asset losses from 2008 - 2009 in the Actuarial Value of Assets, partially offset by asset gains since such time and changes to some of the actuarial assumptions pursuant to the experience study.



Benefit Provisions

The benefit provisions reflected in the valuation reports are those which were in effect at June 30, 2011, as set forth in the related Indiana statutes. None of the Plans had any material changes in benefit provisions since the 2010 valuation.

Assets and Member Data

The valuations were based on asset values of the trust funds and member census data as of June 30, 2011. All asset and member data was provided by INPRS. While certain checks for reasonableness were performed, the data was used unaudited. The accuracy of the results presented in the reports is dependent upon the accuracy and completeness of the underlying asset and census information.

Actuarial Assumptions and Methods

The actuarial assumptions used in the June 30, 2011 valuations were adopted by the Board pursuant to the Experience Studies of September 2011, which reflect the experience period from July 1, 2005 and June 30, 2010. The actuarial assumptions for interest rate, COLA, and amortization method were approved by the Board in September 2010 for use in the 2010 valuations. The actuarial assumptions and methods are summarized in the Actuarial Assumptions and Methods section of each valuation report. The actuarial assumptions and methods are reasonable for the purposes of the valuation reports and comply with the parameters set forth in Statements No. 25 and No. 27 of the Governmental Accounting Standards Board ("GASB"). Different assumptions and methods may be reasonable for other purposes. As such, the results presented in the valuation reports should only be relied upon for the intended purpose.

Certification

We certify that the information presented herein is accurate and fairly portrays the actuarial position of each Plan administered by INPRS as of June 30, 2011.

This report contains the required accounting information to be included in the Comprehensive Annual Financial Report. This information has been prepared in accordance with our understanding of Governmental Accounting Standards No. 25 and No. 27 (as amended by No. 50).

To the best of our knowledge this actuarial statement is complete and accurate and has been prepared in accordance with generally accepted actuarial principles and practice and with the Actuarial Standards of Practice issued by the Actuarial Standards Board. In our opinion, our calculations also comply with the requirements of Indiana state law. The undersigned actuaries are members of the Society of Actuaries and other professional organizations, including the American Academy of Actuaries, and meet the Qualification Standards for Actuaries Issuing Statements of Actuarial Opinion in the United States relating to pension plans. There is no relationship between PwC and INPRS that may impair our objectivity.

This document was not intended or written to be used, and it cannot be used, for the purpose of avoiding U.S. federal, state, or local tax penalties. This includes penalties that may apply if the transaction that is the subject of this document is found to lack economic substance or fails to satisfy any other similar rule of law. This document has been prepared pursuant to an engagement letter between INPRS and PwC, and is intended solely for the use and benefits of INPRS and not for reliance by any other person.

Respectfully submitted,

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Fellow of the Society of Actuaries
Enrolled Actuary (No. 11-06229)

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SECTION I - EXECUTIVE SUMMARY

HIGHLIGHTS OF THE ACTUARY'S REPORT

This report presents the results of the actuarial valuation of the Legislators' Retirement System Defined Benefit Plan (the "LEDB Fund") and has been prepared to present the current funded status of the Plan, contribution requirements for fiscal year 2013 (July 1, 2012 through June 30, 2013), and certain financial statement disclosure information. The valuation was performed using census data for plan members as of June 30, 2011 provided by INPRS, asset information as of June 30, 2011 provided by INPRS, the actuarial assumptions and methods approved by the Board and summarized in Section V, and the plan provisions effective June 30, 2011 as summarized in Section VI.

Contributions

The LEDB Fund is a State appropriated fund. All employer contributions are made by the State of Indiana. The annual cost for the State has increased from \$113,099 for fiscal 2012 to \$140,202 for fiscal 2013. Expenses included in these amounts were assumed to be equal to the administrative expenses incurred during the year prior to the valuation date.

Funded Status

The funded status of the LEDB Fund is measured by the funded ratio, which is the ratio of the assets available for benefits to a benefit liability measure for the LEDB. While there are several such measures that could be appropriately used, the benefit liability measure that ties most closely to your funding strategy is the Actuarial Accrued Liability ("AAL").

Using the Actuarial Value of Assets ("AVA"), an asset value that smoothes the market gains and losses over four (4) years, the LEDB Fund AAL funded ratio decreased from 83.0% at June 30, 2010 to 78.6% at June 30, 2011. The decrease is primarily due to the delayed recognition of previous asset losses in the Actuarial Value of Assets.

Investment Experience

On a Market Value basis, from June 30, 2010 to June 30, 2011, the LEDB Fund experienced an approximate investment return of 18.3%. However, on an Actuarial Value basis over the same time period, the LEDB Fund experienced an approximate investment return of (2.6%). The negative investment return on the AVA can be attributed to the smoothing of prior losses that more than offset the gain on Market Value from June 30, 2010 to June 30, 2011.

Cost-of-Living Adjustment

Cost-of-living increases for retired members have historically been granted on an "ad hoc" basis. No increase in monthly benefits was provided to retired members, disabled members, or beneficiaries as of July 1, 2011.

SECTION I - EXECUTIVE SUMMARY

HIGHLIGHTS OF THE ACTUARY'S REPORT (CONTINUED)

Changes in Actuarial Assumptions

There have been no changes in actuarial assumptions since the June 30, 2010 valuation.

Changes in Plan Provisions

There have been no changes in the plan provisions since the June 30, 2010 valuation.

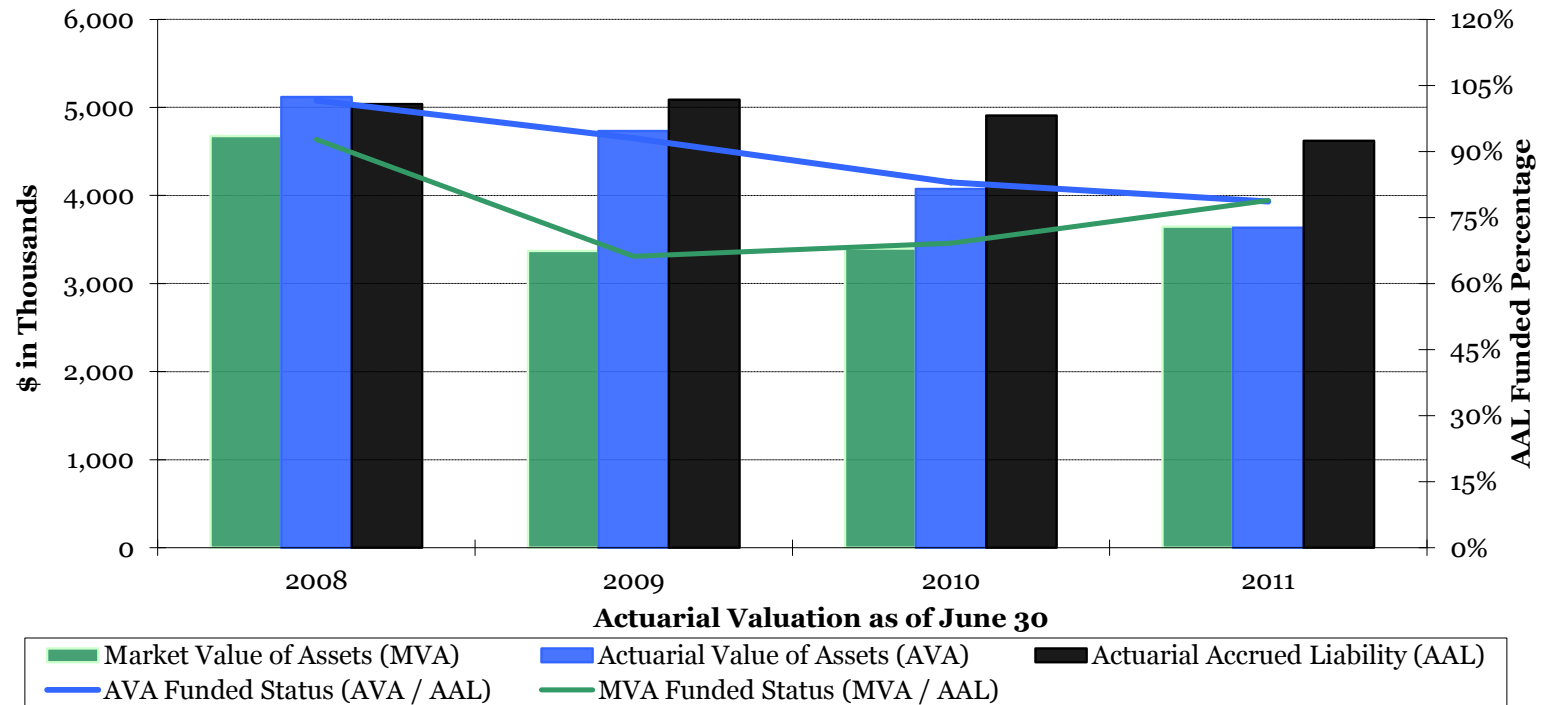
Changes in Actuarial Methods

There have been no changes in actuarial methods since the June 30, 2010 valuation.

SECTION I - EXECUTIVE SUMMARY

HISTORICAL SUMMARY

LEDB Fund – 4 Year History of Funded Status ¹



<u>Actuarial Valuation as of June 30:</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
Actuarial Accrued Liability (AAL)	\$5,039.1	\$5,087.4	\$4,908.6	\$4,620.8
Actuarial Value of Assets (AVA)	\$5,120.0	\$4,730.4	\$4,074.6	\$3,633.7
Market Value of Assets (MVA)	\$4,674.5	\$3,369.0	\$3,395.5	\$3,644.8
Unfunded Liability (AAL - AVA)	(\$80.9)	\$357.0	\$834.0	\$987.1
AVA Funded Status (AVA / AAL)	101.6%	93.0%	83.0%	78.6%
MVA Funded Status (MVA / AAL)	92.8%	66.2%	69.2%	78.9%

¹ Valuation results prior to June 30, 2010 were calculated by the prior actuary.

SECTION I - EXECUTIVE SUMMARY

HISTORICAL SUMMARY (CONTINUED)

	<u>Summary of Valuation Results ¹</u>			
	<u>June 30, 2008</u>	<u>June 30, 2009</u>	<u>June 30, 2010</u>	<u>June 30, 2011</u>
Estimated State Appropriations				
Normal Cost (Beginning of Year)	\$ -	\$ -	\$ -	\$ -
Amortization of Unfunded Actuarial Accrued Liability	(8,751)	40,390	77,195	90,550
Provision for Expenses ²	51,803	20,799	35,904	49,652
Interest Adjustment ³	<u>1,561</u>	<u>2,218</u>	<u>-</u>	<u>-</u>
Estimated State Appropriations	\$ 44,613	\$ 63,407	\$ 113,099	\$ 140,202

¹ Valuation results prior to June 30, 2010 were calculated by the prior actuary.

² Set equal to the administrative expenses incurred in the prior year.

³ Valuation results prior to June 30, 2010 included an interest adjustment to the middle of the year.

SECTION I - EXECUTIVE SUMMARY

HISTORICAL SUMMARY (CONTINUED)

Summary of Valuation Results (Continued) ¹

	<u>June 30, 2008</u>	<u>June 30, 2009</u>	<u>June 30, 2010</u>	<u>June 30, 2011</u>
Census Information				
Active				
Number	34	33	20	7
Average Age	66.4	67.3	67.6	65.3
Average Years of Service ²			7.9	6.6
Inactive				
Number	35	19	34	40
Average Age			65.8	67.1
Average Years of Service ²			7.3	7.4
Retiree/Beneficiary/Disabled				
Number	44	59	61	65
Average Age			74.2	75.0
Annual Benefits Payable	\$ 273,827	\$ 370,598	\$ 346,781	\$ 355,782

¹ Valuation results prior to June 30, 2010 were calculated by the prior actuary.

² Average based on the service before November 8, 1989.

SECTION I - EXECUTIVE SUMMARY

HISTORICAL SUMMARY (CONTINUED)

Summary of Valuation Results (Continued) ¹

	<u>June 30, 2008</u>	<u>June 30, 2009</u>	<u>June 30, 2010</u>	<u>June 30, 2011</u>
Actuarial Accrued Liability (AAL)				
Retiree/Beneficiary/Disabled	\$ 2,258,011	\$ 3,147,287	\$ 3,017,015	\$ 3,037,280
Active and Inactive	<u>2,781,083</u>	<u>1,940,105</u>	<u>1,891,620</u>	<u>1,583,555</u>
Total	\$ 5,039,094	\$ 5,087,392	\$ 4,908,635	\$ 4,620,835
Actuarial Value of Assets (AVA)				
Retiree/Beneficiary/Disabled	\$ 2,258,011	\$ 3,147,287	\$ 3,017,015	\$ 3,037,280
Active and Inactive	<u>2,861,950</u>	<u>1,583,143</u>	<u>1,057,574</u>	<u>596,408</u>
Total	\$ 5,119,961	\$ 4,730,430	\$ 4,074,589	\$ 3,633,688
Market Value of Assets (MVA)				
Retiree/Beneficiary/Disabled	\$ 2,258,011	\$ 3,147,287	\$ 3,017,015	\$ 3,037,280
Active and Inactive	<u>2,416,460</u>	<u>221,665</u>	<u>378,476</u>	<u>607,552</u>
Total	\$ 4,674,471	\$ 3,368,952	\$ 3,395,491	\$ 3,644,832
Unfunded Actuarial Accrued Liability: AAL - AVA				
Retiree/Beneficiary/Disabled	\$ -	\$ -	\$ -	\$ -
Active and Inactive	<u>(80,867)</u>	<u>356,962</u>	<u>834,046</u>	<u>987,147</u>
Total	\$ (80,867)	\$ 356,962	\$ 834,046	\$ 987,147
Funded Percentage				
Retiree/Beneficiary/Disabled	100.0%	100.0%	100.0%	100.0%
Active and Inactive	<u>102.9%</u>	<u>81.6%</u>	<u>55.9%</u>	<u>37.7%</u>
Total	101.6%	93.0%	83.0%	78.6%
Summary of Assumptions				
Valuation Interest Rate	7.25%	7.25%	7.0%	7.0%
Salary Scale	3.0%	3.0%	3.0%	3.0%
Cost-of-Living Assumption	1.5%	1.5%	1.0%	1.0%

¹ Valuation results prior to June 30, 2010 were calculated by the prior actuary.

SECTION II - FUNDING

FUNDING

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SECTION II - FUNDING

A. Development of Funded Status

	<u>June 30, 2010</u>	<u>June 30, 2011</u>
1. Actuarial Accrued Liability		
a. Retirees, Beneficiaries, and Disableds	\$ 3,017,015	\$ 3,037,280
b. Actives and Inactives	<u>1,891,620</u>	<u>1,583,555</u>
c. Total: (1)(a) + (1)(b)	\$ 4,908,635	\$ 4,620,835
2. Actuarial Value of Assets		
a. Retirees, Beneficiaries, and Disableds	\$ 3,017,015	\$ 3,037,280
b. Actives and Inactives	<u>1,057,574</u>	<u>596,408</u>
c. Total: (2)(a) + (2)(b)	\$ 4,074,589	\$ 3,633,688
3. Unfunded Actuarial Accrued Liability		
a. Retirees, Beneficiaries, and Disableds: (1)(a) - (2)(a)	\$ -	\$ -
b. Actives and Inactives: (1)(b) - (2)(b)	<u>834,046</u>	<u>987,147</u>
c. Total: (1)(c) - (2)(c)	\$ 834,046	\$ 987,147
4. Funded Percentage		
a. Retirees, Beneficiaries, and Disableds: (2)(a) / (1)(a)	100.0%	100.0%
b. Actives and Inactives: (2)(b) / (1)(b)	<u>55.9%</u>	<u>37.7%</u>
c. Total: (2)(c) / (1)(c)	83.0%	78.6%

SECTION II - FUNDING

B. Unfunded Actuarial Accrued Liability Reconciliation ¹

	<u>June 30, 2010</u>	<u>June 30, 2011</u>
1. Unfunded Actuarial Accrued Liability, Prior Year	\$ 356,962	\$ 834,046
2. Unfunded Actuarial Accrued Liability (Gain) / Loss		
a. Actuarial Value of Assets Experience	\$ 672,576	\$ 456,494
b. Actuarial Accrued Liability Experience	(286,216)	(279,177)
c. Additional Liability Due to Transition from Prior Actuary	(71)	-
d. Additional Liability Due to Changes in Actuarial Assumptions	108,234	-
e. Additional Liability Due to Changes in Plan Provisions	-	-
f. Total New Amortization Bases:	\$ 494,523	\$ 177,317
(2)(a) + (2)(b) + (2)(c) + (2)(d) + (2)(e)		
g. Amortization of Existing Bases	(17,439)	(24,216)
h. Change in Unfunded Actuarial Accrued Liability:	\$ 477,084	\$ 153,101
(2)(f) + (2)(g)		
3. Unfunded Actuarial Accrued Liability, Current Year: (1) + (2)(h)	\$ 834,046	\$ 987,147

¹ Valuation results prior to June 30, 2010 were calculated by the prior actuary.

SECTION II - FUNDING

C. Actuarial Accrued Liability Reconciliation

1.	June 30, 2010 Actuarial Accrued Liability	\$	4,908,635	
2.	Normal Cost		-	
3.	Actual Benefit Payments		340,316	
4.	Interest of 7.00% on (1) + (2) - (3)/2		<u>331,693</u>	
5.	Expected June 30, 2011 Actuarial Accrued Liability: (1) + (2) - (3) + (4)	\$	4,900,012	
			<u>Dollar Change in Liability</u>	<u>Percent Change in Liability</u>
6.	(Gain)/Loss Components			
a.	Census	\$	(279,177)	(5.7%)
b.	Assumption Changes		<u>-</u>	<u>0.0%</u>
c.	Total: (6)(a) + (6)(b)	\$	(279,177)	(5.7%)
7.	Actual June 30, 2011 Actuarial Accrued Liability: (5) + (6)(c)	\$	4,620,835	

SECTION II - FUNDING

D. Reconciliation of Market Value of Assets

	<u>June 30, 2010</u>	<u>June 30, 2011</u>
1. Market Value of Assets, Prior June 30	\$ 3,368,952	\$ 3,395,491
2. Receipts		
a. Employer Contributions	\$ -	\$ -
b. Employee Contributions	-	-
c. Investment Income and Dividends Net of Fees	416,624	637,201
d. Security Lending Income Net of Fees	2,432	2,108
e. Net Transfers In	-	-
f. Miscellaneous Income	-	-
g. Total Receipts: (2)(a) + (2)(b) + (2)(c) + (2)(d) + (2)(e) + (2)(f)	\$ 419,056	\$ 639,309
3. Disbursements		
a. Benefits Paid During the Year	\$ 356,613	\$ 340,316
b. Refund of Contributions and Interest	-	-
c. Administrative Expenses	35,904	49,652
d. Net Transfers Out	-	-
e. Miscellaneous Disbursements	-	-
f. Total Disbursements: (3)(a) + (3)(b) + (3)(c) + (3)(d) + (3)(e)	\$ 392,517	\$ 389,968
4. Market Value of Assets, Current June 30: (1) + (2)(g) - (3)(f)	\$ 3,395,491	\$ 3,644,832
5. Market Value of Assets Approximate Annual Rate of Investment Return	12.0%	18.3%

SECTION II - FUNDING

E. Reconciliation of Actuarial Value of Assets

1.	Market Value of Assets, June 30, 2010			\$	3,395,491
2.	Market Value of Assets, June 30, 2011				3,644,832
3.	Expected Earnings/Expenses				
a.	Expected Investment Earnings at 7.00% on June 30, 2010 Market Value				237,684
b.	Receipts and Expected Investment Earnings at 7.00%				-
c.	Disbursements and Expected Investment Earnings at 7.00%				352,227
4.	Expected Assets, June 30, 2011: (1) + (3)(a) + (3)(b) - (3)(c)			\$	3,280,948
5.	2010-2011 Gain/(Loss): (2) - (4)				363,884
6.	Smoothing of Gain/(Loss)				
	<u>Year</u>	<u>Gain/(Loss)</u>	<u>% Unrecognized</u>		
a.	2010-2011	\$ 363,884	75%		272,913
b.	2009-2010	151,830	50%		75,915
c.	2008-2009	(1,350,736)	25%		(337,684)
7.	Preliminary Actuarial Value of Assets, June 30, 2011: (2) - (6)(a) - (6)(b) - (6)(c)			\$	3,633,688
8.	Corridor				
a.	120% of Market Value				4,373,798
b.	80% of Market Value				2,915,866
9.	Actuarial Value of Assets, June 30, 2011			\$	3,633,688
10.	Actuarial Value of Assets as a Percent of Market Value: (9) / (2)				99.7%
11.	Actuarial Value of Assets Approximate Annual Rate of Investment Return				(2.6%)

SECTION II - FUNDING

F. Employer Contributions

	<u>June 30, 2010</u>	<u>June 30, 2011</u>
1. Normal Cost (Beginning of Year)	\$ -	\$ -
2. Unfunded Actuarial Accrued Liability (UAAL) Amortizations		
a. UAAL Balance	834,046	987,147
b. Annual Amortization	77,195	90,550
3. Provision for Expenses ¹	35,904	49,652
4. Employer Contributions: (1) + (2)(b) + (3) ²	\$ 113,099	\$ 140,202

¹ Set equal to the administrative expenses incurred in the prior year.

² The LEDB Fund is a State appropriated fund. The Employer Contribution amount is expected to be paid by the State of Indiana.

SECTION II - FUNDING

G. Unfunded Actuarial Accrued Liability Amortization Schedule ¹

	<u>Date Base Established</u>	<u>Reason</u>	<u>Remaining Unfunded</u>	<u>Remaining Period</u>	<u>Amortization Amount</u>
1.	6/30/2009	Actuarial Experience	\$ 320,543	11	\$ 39,950
2.	6/30/2010	Actuarial Experience and Changes in Actuarial Assumptions	489,287	29	37,245
3.	6/30/2011	Actuarial Experience	<u>177,317</u>	30	<u>13,355</u>
	Total		\$ 987,147		\$ 90,550

¹ Valuation results prior to June 30, 2010 were calculated by the prior actuary.

SECTION II - FUNDING

H. Approximate Investment Return for Year Ending June 30, 2011

	<u>Market Value of Assets</u>	<u>Actuarial Value of Assets</u>
1. Balance, beginning of year	\$ 3,395,491	\$ 4,074,589
2. Balance, end of year	3,644,832	3,633,688
3. Total increase: (2) - (1)	249,341	(440,901)
4. Contributions and Transfers In	-	-
5. Benefit payments and Transfers Out	340,316	340,316
6. Net additions: (4) - (5)	(340,316)	(340,316)
7. Net investment increase: (3) - (6)	589,657	(100,585)
8. Average assets: [(1) + (2) - (7)] / 2	3,225,333	3,904,431
9. Approximate rate of return: (7) / (8) ¹	18.3%	(2.6%)

I. Historical Investment Experience

1. Year Ending June 30	2. <u>Approximate Annual Rate of Investment Return</u>	3. <u>Actuarial Basis</u>	4. <u>Actuarial Assumed Interest Rate</u>
	<u>Market Basis</u>		
2001	(2.1%)	6.4%	
2002	(8.3%)	(0.9%)	
2003	3.3%	(2.4%)	
2004	15.9%	2.1%	
2005	8.5%	5.6%	
2006	9.1%	15.5%	
2007	16.1%	16.2%	7.25%
2008	(9.9%)	7.8%	7.25%
2009	(22.5%)	(2.1%)	7.25%
2010	12.0%	(6.6%)	7.25%
2011	18.3%	(2.6%)	7.00%

¹ Net of expenses.

SECTION III - ACCOUNTING

ACCOUNTING

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SECTION III - ACCOUNTING

REQUIRED SUPPLEMENTARY INFORMATION UNDER GASB #25 AND #27

A. Assumptions and Methods Under GASB #25 and #27

Under the Governmental Accounting Standards Board (GASB) Statements No. 25 and No. 27, certain information about the plan is required to be disclosed. The information presented in the required supplementary schedules was determined as part of the actuarial valuations at the dates indicated. Additional information as of the latest actuarial valuation follows:

Valuation Date	June 30, 2011
Actuarial Cost Method	Traditional Unit Credit
Amortization Method	Level Dollar
Amortization Period	30 Years, Closed
Actuarial Value of Assets	4-Year Smoothed Market Value with 20% Corridor
Actuarial Assumptions:	
Investment Rate of Return	7.0%
Future Salary Increases	3.0%
Cost-of-Living Increases	1.0% compounded annually

B. Membership Data

The plan consisted of the following membership as of June 30, 2011, the date of the latest actuarial valuation:

Retired members, beneficiaries and disabled members receiving benefits:	65
Terminated plan members entitled to but not yet receiving benefits:	40
Active Plan Members:	<u>7</u>
Total membership:	112

SECTION III - ACCOUNTING

REQUIRED SUPPLEMENTARY INFORMATION UNDER GASB #25 AND #27 (CONTINUED)

C. Statement of Plan Net Assets

1. Assets	
a. Cash and Cash Equivalents	\$ 420,439
b. Securities Lending Collateral	-
c. Receivables	
i. Contributions Receivable	\$ -
ii. Accrued Investment Income	11,142
iii. Receivables for Investment Securities	140,457
iv. Member Loans	-
v. Miscellaneous Receivables	-
vi. Due From Other Governmental Plans	-
vii. Due From Other Funds	-
viii. Total Receivables	<u>\$ 151,599</u>
d. Investments	
i. Debt Securities	\$ 965,270
ii. Equity Securities	1,475,838
iii. Mutual Funds	171,233
iv. Other Investments	748,127
v. Total Investments	<u>\$ 3,360,468</u>
e. Capital Assets	-
f. Total Assets: (1)(a) + (1)(b) + (1)(c)(viii) + (1)(d)(v) + (1)(e)	<u>\$ 3,932,506</u>
2. Liabilities	
a. Accounts Payable	\$ 2,716
b. Salaries and Benefits Payable	-
c. Investments Payable	251,185
d. Securities Lending Collateral	-
e. Due To Other Governmental Plans	-
f. Due To Other Funds	33,773
g. Total Current Liabilities	<u>\$ 287,674</u>
h. Compensated Absences - Long Term	-
i. Total Liabilities: (2)(a) + (2)(b) + (2)(c) + (2)(d) + (2)(e) + (2)(f) + (2)(g) + (2)(h)	<u>\$ 287,674</u>
3. Net Assets Held in Trust for Pension Benefits: (1)(f) - (2)(i)	\$ 3,644,832

SECTION III - ACCOUNTING

REQUIRED SUPPLEMENTARY INFORMATION UNDER GASB #25 AND #27 (CONTINUED)

D. Statement of Changes in Plan Net Assets

1.	Net Assets as of June 30, 2010	\$	3,395,491
2.	Revenue (Additions)		
a.	Contributions		
i.	Member Contributions	\$	-
ii.	Employer Contributions		-
iii.	Other Contributions		-
iv.	Total Contributions	\$	-
b.	Investment Income/Loss		
i.	Investment Income/Loss	\$	659,332
ii.	Securities Lending Income		2,829
iii.	Securities Lending Expenses		(721)
iv.	Other Investment Expenses		(22,131)
v.	Net Investment Income	\$	639,309
c.	Other Additions		
i.	Intergovernmental Transfers	\$	-
ii.	Miscellaneous Income		-
iii.	Total Other Additions	\$	-
d.	Total Revenue (Additions): (2)(a)(iv) + (2)(b)(v) + (2)(c)(iii)	\$	639,309
3.	Expenses (Deductions)		
a.	Pension and Disability Benefits	\$	340,316
b.	Death, Survivor, and Funeral Benefits		-
c.	Distributions of Contributions and Interest		-
d.	Intergovernmental Transfers		-
e.	Pensions Relief Distributions		-
f.	Local Unit Withdrawals		-
g.	Administrative Expenses		49,652
h.	Total Expenses (Deductions): (3)(a) + (3)(b) + (3)(c) + (3)(d) + (3)(e) + (3)(f) + (3)(g)	\$	389,968
4.	Changes in Net Assets Held in Trust for Pension Benefits: (2)(d) - (3)(h)	\$	249,341
5.	Net Assets as of June 30, 2011: (1) + (4)	\$	3,644,832

SECTION III - ACCOUNTING

REQUIRED SUPPLEMENTARY INFORMATION UNDER GASB #25 AND #27 (CONTINUED)

E. Schedule of Funding Progress¹

(\$ in Thousands)

1. Actuarial Valuation Date June 30	2. Actuarial Value of Assets	3. Actuarial Accrued Liability (AAL)	4. Unfunded Actuarial Accrued Liability (UAAL) (3) - (2)	5. AAL Funded Ratio (2) / (3)	6. Number of Active Participants	7. UAAL per Covered Participant (4) / (6)
2006	\$ 4,721	\$ 5,232	\$ 511	90.2%	46	\$ 11
2007	5,035	5,169	134	97.4%	43	3
2008	5,120	5,039	(81)	101.6%	34	(2)
2009	4,730	5,087	357	93.0%	33	11
2010	4,075	4,909	834	83.0%	20	42
2011	3,634	4,621	987	78.6%	7	141

F. Schedule of Employer Contributions¹

(\$ in Thousands)

1. Plan Year Ending June 30	2. Annual Required Contribution (ARC)	3. Actual Employer Contribution	4. % of ARC (3) / (2)
2006	\$ 91	\$ 100	110.1%
2007	120	100	83.3%
2008	66	100	151.5%
2009	45	100	224.1%
2010	63	-	0.0%
2011	113	-	0.0%

¹ Valuation results prior to June 30, 2010 were calculated by the prior actuary.

SECTION III - ACCOUNTING

REQUIRED SUPPLEMENTARY INFORMATION UNDER GASB #25 AND #27 (CONTINUED)

G. Development of Net Pension Obligation (NPO) ¹

(\$ in Thousands)

1. Plan Year Ending June 30	2. Annual Required Contribution (ARC)	3. Interest on NPO at Discount Rate	4. ARC Adjustment (9) / (5)	5. Amortization Factor	6. Net Pension Cost (NPC) (2) + (3) - (4)	7. Actual Employer Contribution	8. Change in NPO (6) - (7)	9. NPO at Beginning of Year	10. NPO at End of Year (8) + (9)
2009	\$ 45	\$ (13)	\$ (21)	8.6158	\$ 52	\$ 100	\$ (48)	\$ (180)	\$ (227)
2010	63	(16)	(28)	8.2405	75	-	75	(227)	(152)
2011	113	(11)	(12)	12.4090	114	-	114	(152)	(38)

H. Three-Year Trend Information ¹

(\$ in Thousands)

1. Plan Year Ending June 30	2. Net Pension Cost (NPC)	3. Actual Employer Contribution	4. % of NPC (3) / (2)
2009	\$ 52	\$ 100	190.7%
2010	75	-	0.0%
2011	114	-	0.0%

¹ Valuation results prior to June 30, 2010 were calculated by the prior actuary.

SECTION III - ACCOUNTING

I. Solvency Test ¹

Portion of Actuarial Liability Provided by Assets
(\$ in Thousands)

1. As of June 30	2. ASA Balances	3. Retired and Beneficiaries	4. Non-Retired Members (Employer Financed Portion)	5. Total Actuarial Accrued Liabilities	6. Actuarial Value of Assets
2005	\$ - N/A	\$ 2,121 100.0%	\$ 2,878 77.0%	\$ 4,999 86.8%	\$ 4,339
2006	- N/A	2,270 100.0%	2,962 82.8%	5,232 90.2%	4,721
2007	- N/A	2,432 100.0%	2,737 95.1%	5,169 97.4%	5,035
2008	- N/A	2,258 100.0%	2,781 100.0%	5,039 101.6%	5,120
2009	- N/A	3,147 100.0%	1,940 81.6%	5,087 93.0%	4,730
2010	- N/A	3,017 100.0%	1,892 55.9%	4,909 83.0%	4,075
2011	- N/A	3,037 100.0%	1,584 37.7%	4,621 78.6%	3,634

¹ Valuation results prior to June 30, 2010 were calculated by the prior actuary.

SECTION IV - CENSUS DATA

CENSUS DATA

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I. Schedule of Average Benefit Payments as of June 30, 2011	27

SECTION IV - CENSUS DATA

A. Reconciliation of Participant Data

	<u>Actives</u>	<u>Inactive Vested</u>	<u>Disabled</u>	<u>Retired</u>	<u>Beneficiary</u>	<u>Total</u>
Total as of June 30, 2010	20	34	-	47	14	115
New Entrants	-	-	-	-	-	-
Rehires	-	-	-	-	-	-
Non-Vested Terminations	-	-	-	-	-	-
Vested Terminations	(12)	12	-	-	-	-
Retirements	-	(3)	-	3	-	-
Disabilities	-	-	-	-	-	-
Death with Beneficiary	-	-	-	(2)	2	-
Death without Beneficiary	-	-	-	-	-	-
Refunds	-	-	-	-	-	-
Data Adjustments	<u>(1)</u>	<u>(3)</u>	<u>-</u>	<u>1</u>	<u>-</u>	<u>(3)</u>
Total as of June 30, 2011	7	40	-	49	16	112

SECTION IV - CENSUS DATA

B. Census Information

	<u>June 30, 2010</u>	<u>June 30, 2011</u>
1. Active		
a. Number	20	7
b. Average Age	67.6	65.3
c. Average Years of Service ¹	7.9	6.6
2. Inactive		
a. Number	34	40
b. Average Age	65.8	67.1
c. Average Years of Service ¹	7.3	7.4
3. Retiree/Beneficiary/Disabled		
a. Number	61	65
b. Average Age	74.2	75.0
c. Annual Benefits Payable	\$ 346,781	\$ 355,782

¹ Creditable service as of November 8, 1989.

SECTION IV - CENSUS DATA

C. Schedule of Active Member Valuation Data ¹

1. As of June 30	2. Active Members
<u> </u>	<u> </u>
2005	48
2006	46
2007	43
2008	34
2009	33
2010	20
2011	7

D. Schedule of Retirees, Beneficiaries, and Disabled Members ¹

1.	2.	3.	4.	5.	6.	7.	8.	9.
 Fiscal Year Ending	<u>Added</u>	<u>Annual</u>	<u>Removed</u>	<u>Annual</u>	<u>End of Year ²</u>	<u>Annual</u>	<u>% Increase in</u>	<u>Average</u>
<u>June 30</u>	<u>Number</u>	<u>Allowances</u> <u>(\$ in Thousands)</u>	<u>Number</u>	<u>Allowances</u> <u>(\$ in Thousands)</u>	<u>Number</u>	<u>Allowances</u> <u>(\$ in Thousands)</u>	<u>Annual</u> <u>Allowances</u>	<u>Annual</u> <u>Allowances</u>
2005	-	\$ -	-	\$ -	39	\$ 244	(0.5%)	\$ 6,268
2006	2	12	2	9	39	260	6.2%	6,658
2007	6	31	-	-	45	283	9.1%	6,298
2008	1	-	2	10	44	274	(3.4%)	6,223
2009	17	88	2	2	59	371	35.3%	6,281
2010	5	9	3	27	61	347	(6.5%)	5,685
2011	4	22	-	-	65	356	2.6%	5,477

¹ Valuation results prior to June 30, 2010 were calculated by the prior actuary.

² End of year annual allowances are not equal to the prior end of year annual allowances plus additions and less removals because of reductions for beneficiary benefits, data changes, and cost-of-living increases.

SECTION IV - CENSUS DATA

E. Distribution of Active Members by Age and Service¹

Attained Age	Distribution of Active Members by Age and Service as of June 30, 2011										
	Under 1 year	1 to 4 years	5 to 9 years	10 to 14 years	15 to 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	Over 40 years	Total
<25											
25-29											
30-34											
35-39											
40-44											
45-49											
50-54		1									1
55-59		1									1
60-64		1		1							2
65-69											
70&Above		1	1	1							3
Total		4	1	2							7

¹ Creditable service as of November 8, 1989.

SECTION IV - CENSUS DATA

F. Distribution of Inactive Vested Members by Age and Service ¹

Attained Age	Distribution of Inactive Vested Members by Age and Service as of June 30, 2011							Total
	Under 5 years	5 to 9 years	10 to 14 years	15 to 19 years	20 to 24 years	25 to 29 years	Over 30 years	
<25								
25-29								
30-34								
35-39								
40-44								
45-49								
50-54	1	1						2
55-59	2	1	1					4
60-64	3	4		1				8
65-69	6	1		5				12
70&Above	3	6	2	3				14
Total	15	13	3	9				40

¹ Creditable service as of November 8, 1989.

SECTION IV - CENSUS DATA

G. Distribution of Retired Members, Beneficiaries, and Disabled Members by Age and Number of Years Retired ¹

Attained Age	Distribution of Retired Members, Beneficiaries, and Disabled Members by Age and Number of Years Retired as of June 30, 2011							Total
	Under 5 years	5 to 9 years	10 to 14 years	15 to 19 years	20 to 24 years	25 to 29 years	Over 30 years	
<40								
40-44								
45-49								
50-54								
55-59	1							1
60-64	3	1		1				5
65-69	6	4	1					11
70-74	3	2	2	3				10
75-79	5	7	6	3				21
80-84	1	3	4	2	1			11
85-89			1	2	2			5
90&Above				1				1
Total	19	17	14	12	3			65

¹ One of the members does not have a date of retirement. For this member we assumed retirement occurred at age 65.

SECTION IV - CENSUS DATA

H. Schedule of Benefit Recipients by Type of Benefit Option

Amount of Monthly Benefit	Number of Benefit Recipients by Benefit Option as of June 30, 2011				
	Retiree Single Life Annuity	Retiree 50% Joint and Survivor Annuity	Survivors	Disability	Total
\$ 1 - 500	3	25	14	0	42
501 - 1,000	2	16	2	0	20
1,001 - 1,500	0	2	0	0	2
1,501 - 2,000	0	1	0	0	1
2,001 - 3,000	0	0	0	0	0
over 3,000	0	0	0	0	0
Total	5	44	16	0	65

I. Schedule of Average Benefit Payments as of June 30, 2011¹

	Years of Credited Service							Total
	0-4	5-9	10-14	15-19	20-24	25-29	30+	
Average Monthly Defined Benefit	\$ 991	\$ 248	\$ 348	\$ 448	\$ 563	\$ 699	\$ 645	\$ 456
Average Final Average Salary	\$ 56,622		\$ 18,880	\$ 30,641	\$ 32,804	\$ 27,614	\$ 32,151	\$ 28,439
Number of Benefit Recipients	1	7	21	15	10	3	8	65

¹ For some members average salary at retirement and years of credited service was not available. The average salary for each group excluded these members. Members with credited service information that is missing are counted in the "0-4" group.

SECTION V - ACTUARIAL ASSUMPTIONS AND METHODS

ACTUARIAL ASSUMPTIONS AND METHODS

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B. Actuarial Methods	31

SECTION V - ACTUARIAL ASSUMPTIONS AND METHODS

A. Actuarial Assumptions

The assumptions used in the valuation were selected and approved by the INPRS Board of Trustees. The demographic assumptions are reviewed every five years through a study of actual experience. In this way, the actuary provides guidance to the Board in selecting the assumptions. The actuary and other economic and investment professionals also provide advice to the Board for selecting the economic assumptions. In our opinion, the assumptions are reasonable for purposes of this valuation.

Interest Rate / Investment Return	7.0% (net of administrative and investment expenses)
Future Salary Increases	3.0% per year
Inflation	3.0% per year
Cost of Living Increases	1.0% per year in retirement
Mortality (Healthy and Disabled)	2008 IRS Static Mortality projected five (5) years with Scale AA
Disability	75% of 1964 OASDI Tables. Illustrative rates shown below:

<u>Age</u>	<u>Rate</u>
20	0.045%
25	0.064%
30	0.083%
35	0.111%
40	0.165%
45	0.270%
50	0.454%
55	0.757%
60	1.220%
65+	0.000%

SECTION V - ACTUARIAL ASSUMPTIONS AND METHODS

A. Actuarial Assumptions (continued)

Termination

Sarason T-2 Tables. Illustrative rates shown below:

<u>Age</u>	<u>Rate</u>
20	5.4384%
25	5.2917%
30	5.0672%
35	4.6984%
40	3.5035%
45	1.7686%
50	0.4048%
55+	0.0000%

Retirement

Retirement rates based on actual experience of current retirees. Illustrative rates shown below:

<u>Age</u>	<u>Rate</u>
55	10%
56-57	8%
58-61	2%
62-64	5%
65+	100%

Decrement Timing

Decrements are assumed to occur at the beginning of the year.

Spouse/Beneficiary

90% of members are assumed to be married or to have a dependent beneficiary. Males are assumed to be three (3) years older than females.

Administrative Expense

Replacement basis. Administrative expenses incurred during the year prior to the valuation date are included in the calculation of funds to be appropriated to the LEDB Fund by the State.

SECTION V - ACTUARIAL ASSUMPTIONS AND METHODS

A. Actuarial Assumptions (continued)

Missing Data Assumptions

Actives and inactives with no gender are assumed to be male. Spouse gender is assumed to be the opposite gender of the member.

Retirees and disabled members that are not married and do not have a retirement option listed are assumed to elect a single life annuity. Retirees and disabled members that are married and do not have a retirement option listed are assumed to be receiving a 50% joint and survivor annuity. Beneficiaries that do not have a retirement option listed are assumed to receive monthly payments for life.

Changes in Assumptions

There have been no changes in actuarial assumptions since the June 30, 2010 valuation.

SECTION V - ACTUARIAL ASSUMPTIONS AND METHODS

B. Actuarial Methods

The actuarial methods used in this valuation were selected and approved by the Board. In general, the methods provide orderly funding of all benefits being accrued, as well as unfunded past-service benefit liabilities, over a period of thirty years. However, the smoothing method employed in determining the Actuarial Value of Assets may accelerate or lengthen the effective funding period, depending on whether gains or losses are experienced. In our opinion, the actuarial methods are reasonable for the purposes of this valuation.

1. Actuarial Cost Method

The actuarial cost method is Traditional Unit Credit.

The normal cost is calculated separately for each active member and is equal to actuarial present value of additional benefits expected to be accrued during the year following the valuation date. The actuarial accrued liability on any valuation date is the actuarial present value of the benefits earned for service prior to the valuation date.

Gains and losses occurring from census experience different than assumed, assumption changes, and benefit changes are amortized over a 30-year period with level payments each year. A new gain or loss base is established each year based on the additional gain or loss during that year and that base is amortized over a new 30-year period. The purpose of the method is to give a smooth progression of the costs from year to year and, at the same time, provide for an orderly funding of the unfunded liabilities.

2. Asset Valuation Method

Actuarial Value of Assets is equal to a four-year smoothing of gains and losses on the Market Value of Assets, subject to a 20% corridor.

3. Changes in Actuarial Methods

There have been no changes in actuarial methods since the June 30, 2010 valuation.

SECTION VI - SUMMARY OF PLAN PROVISIONS

SUMMARY OF PLAN PROVISIONS

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SECTION VI - SUMMARY OF PLAN PROVISIONS

A. Summary of Plan Provisions

The benefit provisions for LEDB are set forth in IC 2-3.5-4. A summary of those defined pension benefit provisions is presented below:

Participation	All members of the Indiana General Assembly who (1) were serving on April 30, 1989, and (2) filed an election to participate in this plan under IC 2-3.5-3-1(b).
---------------	--

Eligibility for Defined Pension Benefits

- | | |
|--------------------------|---|
| a. Normal Retirement | Age 65 with 10 or more years of creditable service
Age 60 with 15 or more years of creditable service
Age 55 with sum of age and creditable service equal to 85 or more |
| b. Early Retirement | Age 55 with 10 or more years of creditable service |
| c. Late Retirement | Subject to continued employment after normal retirement |
| d. Disability Retirement | 5 or more years of creditable service and qualified for Social Security disability benefits |
| e. Termination | 10 or more years of creditable service and no longer active (i.e. vested inactive) |
| f. Pre-Retirement Death | 10 or more years of creditable service |

SECTION VI - SUMMARY OF PLAN PROVISIONS

A. Summary of Plan Provisions (continued)

Amount of Benefits

- | | |
|--------------------------|--|
| a. Normal Retirement | The normal retirement benefit is a monthly annuity payable for life with a 50% continuation to a surviving spouse or surviving children and is equal to the lesser of (1) \$40 times years of creditable service in the General Assembly completed before November 8, 1989, or (2) 100% of average monthly earnings ¹ . |
| b. Early Retirement | The early retirement benefit is the accrued retirement benefit determined as of the early retirement date and payable commencing at the normal retirement date. A participant may elect to have the benefit commence prior to normal retirement provided the benefit is reduced by 1/10% for each of the first 60 months and by 5/12% for each of the next 60 months that the benefit commencement date precedes the normal retirement date. |
| c. Late Retirement | The late retirement benefit is calculated in the same manner as the normal retirement benefit. |
| d. Disability Retirement | The disability retirement benefit is the accrued retirement benefit determined as of the disability date and payable commencing the month following disability date without reduction for early commencement. |
| e. Termination | The termination benefit is the accrued retirement benefit determined as of the termination date and payable commencing as of the normal retirement date. The participant may elect to receive a reduced early retirement benefit. |

¹ Average monthly earnings is the monthly average of earnings, including business per diem and subsistence allowances, attributable to service as a legislator during the 3 years that produce the highest such average.

SECTION VI - SUMMARY OF PLAN PROVISIONS

A. Summary of Plan Provisions (continued)

Amount of Benefits (continued)

- f. Death The spouse or dependent beneficiary is entitled to receive 50% of the monthly life annuity the participant was receiving or was entitled to receive under the assumption that the participant retired on the later of age 55 or the day before the date of death.

Cost-of-Living Adjustments Cost-of-living increases for retired members have historically been granted on an "ad hoc" basis. No increase in monthly benefits was provided to retired members, disabled members, or beneficiaries as of July 1, 2011.

Forms of Payment

- a. Single Life Annuity Member will receive a monthly benefit for life, but there are no monthly payments to anyone after death.
- b. Joint with One-Half Survivor Benefits Member will be paid a monthly benefit for life. After death, one-half (1/2) of the benefit will be paid to the spouse for their lifetime or the dependent until age 18 unless disabled.

Withdrawal from Fund If a member's employment is terminated prior to eligibility for a retirement annuity, the member may withdraw their contributions from the Fund.

Changes in Provisions No changes since prior valuation.

SECTION VII - DEFINITIONS OF TECHNICAL TERMS

DEFINITIONS OF TECHNICAL TERMS

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SECTION VII - DEFINITIONS OF TECHNICAL TERMS

A. Definitions of Technical Terms

Actual Rate	For valuations prior to June 30, 2011, the contribution rate expressed as a percentage of covered payroll on an annual basis (not less than 0.0%) that is the result of applying applicable smoothing rules to the prior year Actual Rate and current year True Rate. For valuations beginning June 30, 2011, the contribution rate does not pertain to the smoothing rules previously applied.
Actuarial Accrued Liability (AAL)	That portion, as determined by a particular Actuarial Cost Method, of the Present Value of Future Benefits (PVFB) and expenses which is not provided for by future Normal Costs. Generally this means the portion of the PVFB attributable to past service.
Actuarial Assumptions	Assumptions as to the occurrence of future events affecting pension costs, such as: mortality, withdrawal, disablement and retirement; changes in compensation and Government provided pension benefits; rates of investment earnings and asset appreciation or depreciation; procedures used to determine the Actuarial Value of Assets; characteristics of future entrants for Open Group Actuarial Cost Methods; and other relevant items.
Actuarial Cost Method	A procedure for determining an actuarially equivalent allocation of the Present Value of Future Benefits to time periods, usually in the form of a Normal Cost and an Actuarial Accrued Liability.
Actuarially Equivalent	A method of making the actuarial present value of two series of payments equal as of a given date using the same assumptions.
Actuarial Gain/(Loss)	The difference between actual unfunded Actuarial Accrued Liability and anticipated unfunded Actuarial Accrued Liability — during the period between two valuation dates. It is a measurement of the difference between actual and expected experience.
Actuarial Present Value	The single amount now that is equal to a payment or series of payments in the future. It is determined by discounting future payments at predetermined rates of interest and by probabilities of payment.
Actuarial Valuation	The determination, as of a valuation date, of the Normal Cost, Actuarial Accrued Liability, Actuarial Value of Assets, and related Actuarial Present Values for a pension plan.

SECTION VII - DEFINITIONS OF TECHNICAL TERMS

A. Definitions of Technical Terms (continued)

Actuarial Valuation Date	The date as of which an actuarial valuation is performed.
Amortization	The payment of a present value financial obligation on an installment basis over a future number of years.
Annual Required Contribution of the Employer (ARC)	The employer's periodic required contributions to a defined benefit pension plan, calculated in accordance with the plan provisions, actuarial assumptions, actuarial cost method and other actuarial method prescribed by Governmental Accounting Standards No. 25 and No. 27.
Creditable Service	Service credited under the system that was rendered before the date of the actuarial valuation.
Funding Policy	The program for the amounts and timing of contributions to be made by plan members, employer, and other contributing entities (for example, state government contributions to a local government plan) to provide the benefits specified by a pension plan.
Level Dollar Amortization Method	The amount to be amortized is divided into equal dollar amounts to be paid over a given number of years; part of each payment is interest and part is principal (similar to a mortgage payment on a building). Because payroll can be expected to increase as a result of inflation, level dollar payments generally represent a decreasing percentage of payroll; in dollars adjusted for inflation, the payments can be expected to decrease over time.
Normal Cost (NC)	That portion of the present value of future benefits which is allocated to a valuation year by the Actuarial Cost Method. The normal cost is specific to the cost method used.
Plan Assets	Resources, usually in the form of stocks, bonds, and other classes of investments, that have been segregated and restricted in a trust, or equivalent arrangement, in which (a) employer contributions to the plan are irrevocable, (b) assets are dedicated to providing benefits to retirees and their beneficiaries, and (c) assets are legally protected from creditors of the employer(s) or plan administrator, for the payment of benefits in accordance with the terms of the plan.

SECTION VII - DEFINITIONS OF TECHNICAL TERMS

A. Definitions of Technical Terms (continued)

Plan Members	The individuals covered by the terms of a pension plan. The plan membership generally includes employees in active service, terminated employees who have accumulated benefits but are not yet receiving them, and retired employees and beneficiaries currently receiving benefits.
Present Value of Future Benefits (PVFB)	Projected benefits estimated to be payable to plan members (retirees and beneficiaries, terminated employees entitled to benefits but not yet receiving them, and current active members upon retirement) as a result of their service through the valuation date and their expected future service. The actuarial present value of projected future benefits as of the valuation date is the present value of the cost to finance benefits payable in the future, discounted to reflect the expected effects of the time value (present value) of money and the probabilities of payment (taking into account mortality, turnover, probability of participating in plan retirement, etc.). Alternatively, it is the amount that would have to be invested on the valuation date so that the amount invested plus investment earnings will provide sufficient assets to pay the projected benefits when due.
True Rate	The precise actuarial contribution rate (not less than 0.0%) determined by summing the Normal Cost and amortization of unfunded Actuarial Accrued Liability and dividing by anticipated payroll.